Kepeng Chen

List of Publications by Year
in descending order

16	717	759233 12	996975 15
papers	citations	h-index	g-index

17	17	17	856
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of molecular conformation on the efficiency of the spin orbital charge recombination-induced intersystem crossing in bianthryls. Dyes and Pigments, 2021, 187, 109121.	3.7	7
2	Intersystem Crossing and Electron Spin Selectivity in Anthraceneâ€Naphthalimide Compact Electron Donorâ€Acceptor Dyads Showing Different Geometry and Electronic Coupling Magnitudes. Chemistry - A European Journal, 2021, 27, 7572-7587.	3.3	21
3	Efficient Intersystem Crossing in the TrÃ¶ger's Base Derived From 4â€Aminoâ€1,8â€naphthalimide and Application as a Potent Photodynamic Therapy Reagent. Chemistry - A European Journal, 2020, 26, 3591-3599.	3.3	32
4	Anthryl-Appended Platinum(II) Schiff Base Complexes: Exceptionally Small Stokes Shift, Triplet Excited States Equilibrium, and Application in Tripletâ€“Triplet-Annihilation Upconversion. Inorganic Chemistry, 2020, 59, 14731-14745.	4.0	23
5	Nearâ€IRâ€Absorbing BODIPYâ€5,10â€Dihydrophenazine Compact Electron Donor/Acceptor Dyads and Triads: Spinâ€Orbit Charge Transfer Intersystem Crossing and Chargeâ€Transfer State. ChemPhotoChem, 2020, 4, 487-501.	3.0	14
6	Hetero-bichromophore Dyad as a Highly Efficient Triplet Acceptor for Polarity Tuned Tripletâ€“Triplet Annihilation Upconversion. Journal of Physical Chemistry Letters, 2019, 10, 4368-4373.	4.6	11
7	Charge separation, charge recombination, long-lived charge transfer state formation and intersystem crossing in organic electron donor/acceptor dyads. Journal of Materials Chemistry C, 2019, 7, 12048-12074.	5.5	137
8	Phosphorus corrole complexes: from property tuning to applications in photocatalysis and tripletâ€“triplet annihilation upconversion. Chemical Science, 2019, 10, 7091-7103.	7.4	48
9	Anthraceneâ€“Naphthalenediimide Compact Electron Donor/Acceptor Dyads: Electronic Coupling, Electron Transfer, and Intersystem Crossing. Journal of Physical Chemistry A, 2019, 123, 2503-2516.	2.5	31
10	Sulfur vs. tellurium: the heteroatom effects on the nonfullerene acceptors. Science China Chemistry, 2019, 62, 897-903.	8.2	10
11	Bodipy Derivatives as Triplet Photosensitizers and the Related Intersystem Crossing Mechanisms. Frontiers in Chemistry, 2019, 7, 821.	3.6	62
12	Intramolecular and Intra-assembly Triplet Energy Transfer. , 2019, , 29-54.		0
13	Recent progress in heavy atom-free organic compounds showing unexpected intersystem crossing (ISC) ability. Organic and Biomolecular Chemistry, 2018, 16, 3692-3701.	2.8	105
14	Precise Control of the Electronic Coupling Magnitude between the Electron Donor and Acceptor in Perylenebisimide Derivatives via Conformation Restriction and Its Effect on Photophysical Properties. Journal of Physical Chemistry C, 2018, 122, 3756-3772.	3.1	49
15	Different Quenching Effect of Intramolecular Rotation on the Singlet and Triplet Excited States of Bodipy. Journal of Physical Chemistry C, 2018, 122, 185-193.	3.1	71
16	Triplet Excited State of BODIPY Accessed by Charge Recombination and Its Application in Tripletâ€“Triplet Annihilation Upconversion. Journal of Physical Chemistry A, 2017, 121, 7550-7564.	2.5	96